

36834

M E M O R A N D U M

TO: Francie Barker
FROM: Steve Hambos
RE: Changes in Monitoring Well Placement at the Asbestos Disposal Sites.
DATE: December 12, 1986

This memorandum is submitted to address field changes that were incorporated into the National Gypsum Remedial Investigation at the Millington and "satellite sites". These changes deal with alternate placement of monitoring wells at the satellite sites and are summarized below.

1. New Vernon Road Site. The Site Operations Plan (SOP) for this site (pg. 2-13) specified that three groundwater monitoring wells would be placed around the garage located just south of the Tiemann residence. Instead, all three monitoring wells were moved to surround the former disposal site located approximately 700 feet east of the residence (Figure 1). This dump site represents an area of intensive landfilling that took place over the course of many years, whereas, the garage is situated over an area that was surficially covered with asbestos products. Aerial photographs supplied by USEPA and information from Mr. Tiemann, the property owner, assisted in the identification of the former landfill site and placement of the monitoring wells.

2. White Bridge Road Site. The only change incorporated at this site concerned the placement of the northern monitoring well. This well was designated as #3 in the SOP (pg. 2-12) and #1 in our field effort, as

(0365n)

ASB 001 0298

shown in Figure 2. This well was placed 50 feet east of the original designation in an area better suited to boring activities.

3. Great Swamp Site. During the preparation of the SOP, Fred C. Hart Associates (HART) was only aware of one disposal site within the refuge. As a result, placement of ten monitoring wells was designated around this site (SOP, pg. 2-11). Following a site visit and discussion with refuge personnel, a second considerably more extensive landfill site was brought to the attention of HART personnel. As a result, six of the original ten monitoring wells were placed at this new site (designated Site A in Figure 3), while four of the remaining ten monitoring wells were situated around the original disposal area (designated Site B in Figure 3).

The repositioning of these monitoring wells strongly supports the original intentions and goals of the investigation and will provide data needed for selecting the appropriate remedial measures for these two areas.

FIGURE 1

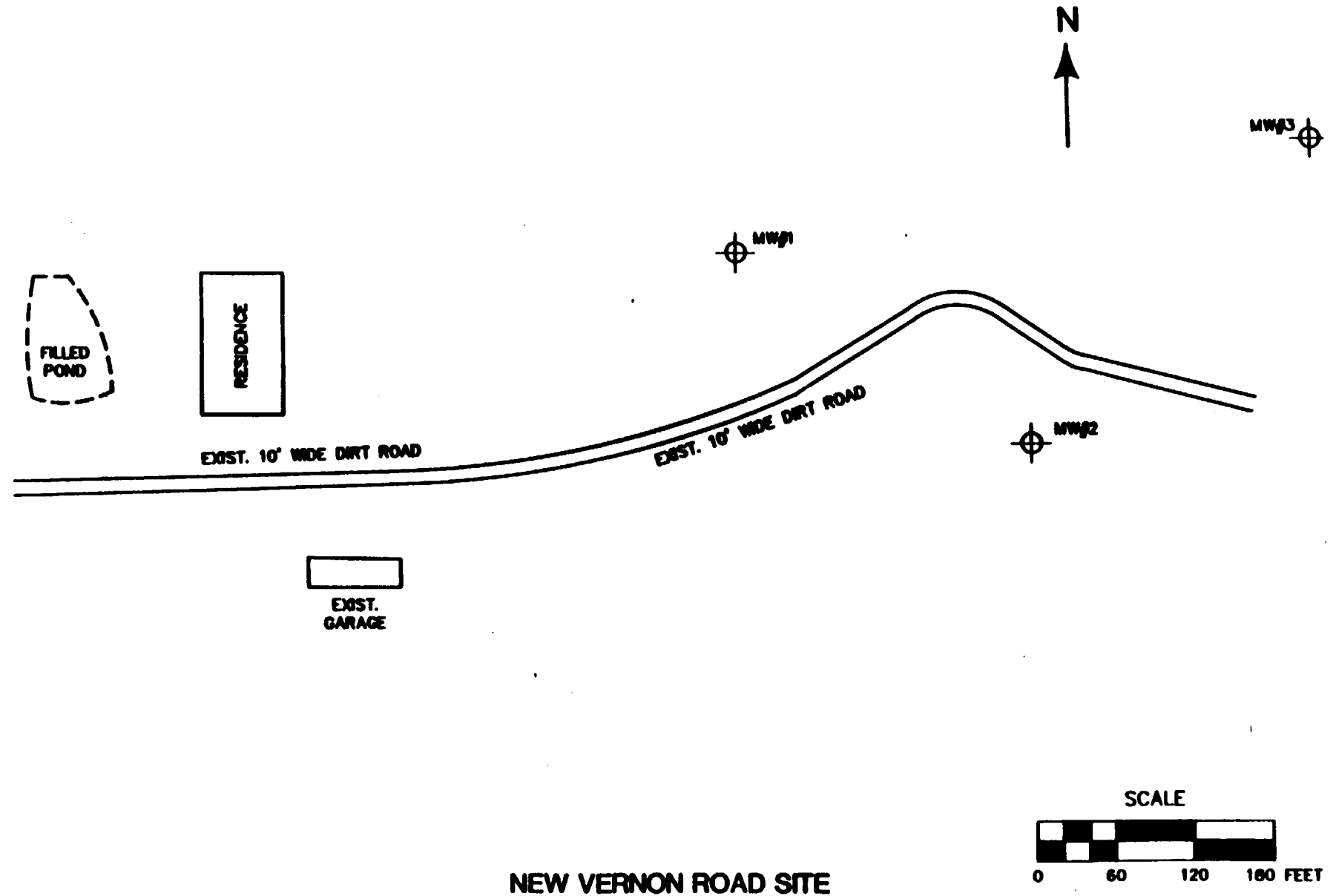
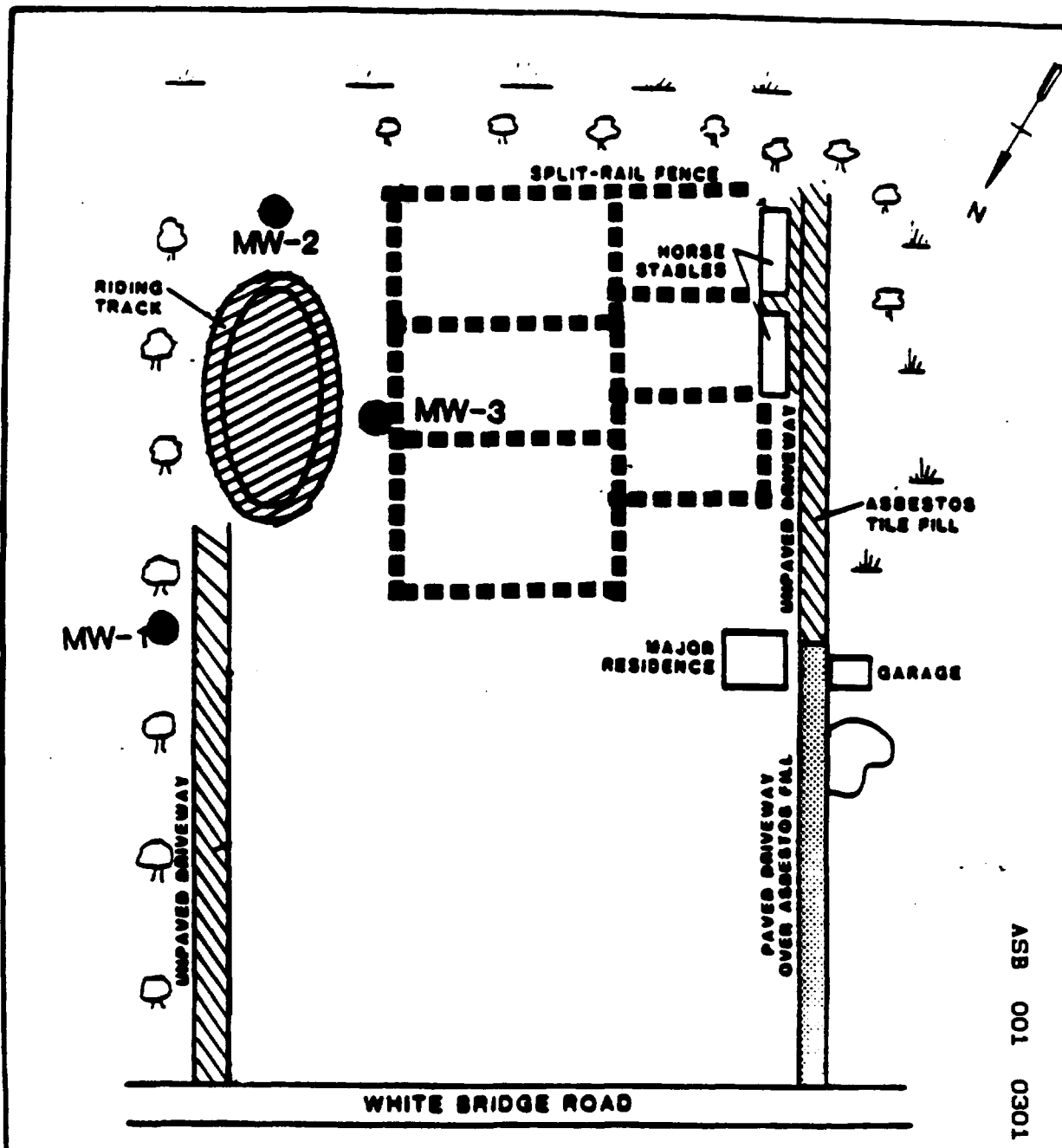


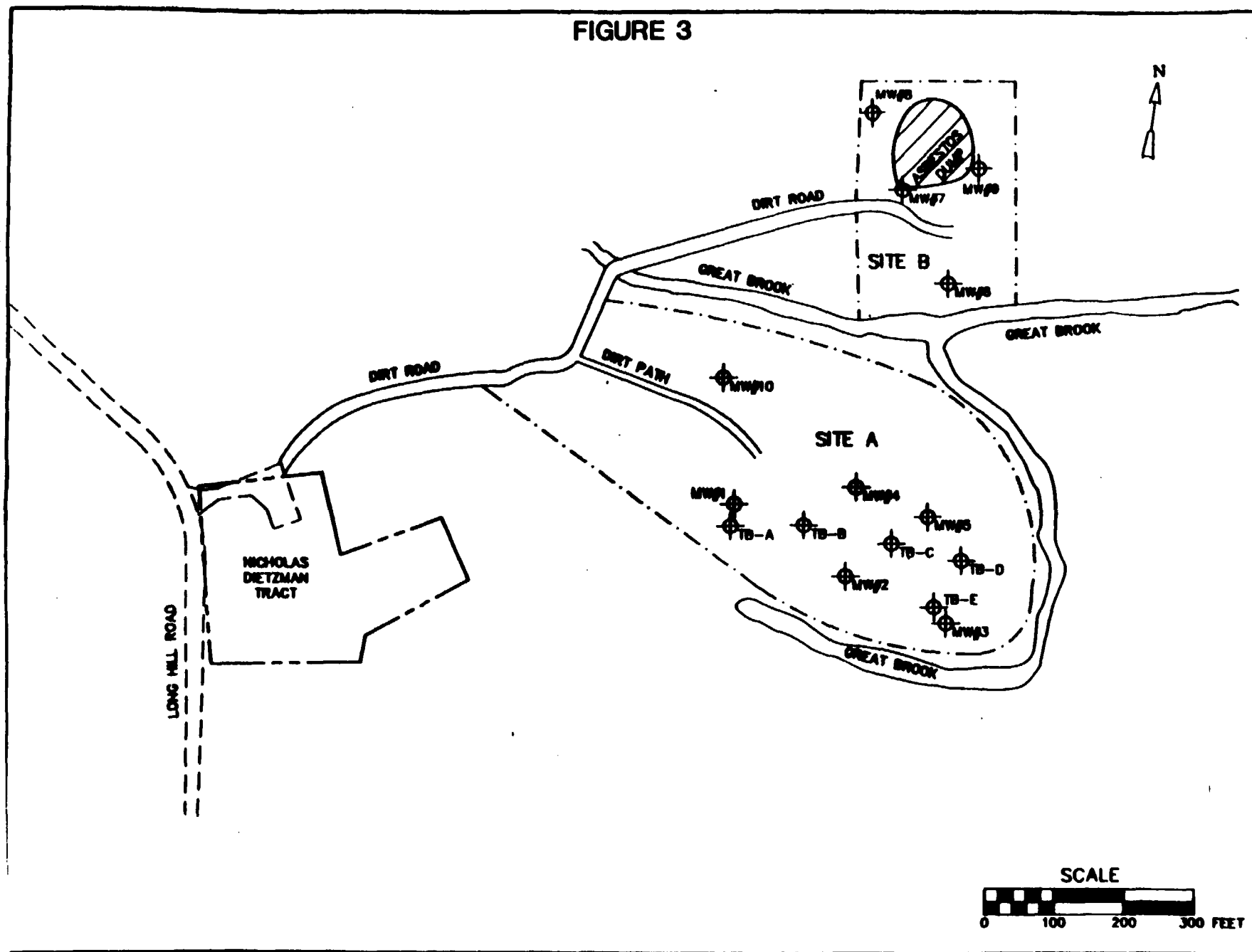
FIGURE 2

WHITE BRIDGE ROAD SITE



ASB 001 0301

FIGURE 3



GREAT SWAMP SITE